



|  |                        |                |  |
|--|------------------------|----------------|--|
| <b>Issue Classification</b><br> | Application No.        | Applicant(s)   |  |
|  | 10/022,609             | VANDLEN ET AL. |  |
|  | Examiner               | Art Unit       |  |
|  | Robert C. Hayes, Ph.D. | 1649           |  |

| ISSUE CLASSIFICATION                |   |          |   |       |  |                                   |       |        |  |                          |                         |
|-------------------------------------|---|----------|---|-------|--|-----------------------------------|-------|--------|--|--------------------------|-------------------------|
| ORIGINAL                            |   |          |   |       | CROSS REFERENCE(S)   |                                   |       |        |  |                          |                         |
| CLASS                               |   | SUBCLASS |   |       | CLASS  | SUBCLASS (ONE SUBCLASS PER BLOCK) |       |        |  |                          |                         |
| 530                                 |   | 387.9    |   |       | 530  | 387.3                             | 388.1 | 388.24 |  |                          |                         |
| INTERNATIONAL CLASSIFICATION        |   |          |   |       |  |                                   |       |        |  |                          |                         |
| C                                   | 0 | 7        | K | 16/22 |  |                                   |       |        |  |                          |                         |
|                                     |   |          |   | /     |  |                                   |       |        |  |                          |                         |
|                                     |   |          |   | /     |  |                                   |       |        |  |                          |                         |
|                                     |   |          |   | /     |  |                                   |       |        |  |                          |                         |
|                                     |   |          |   | /     |  |                                   |       |        |  |                          |                         |
| (Assistant Examiner) (Date)         |   |          |   |       | <b>ROBERT C. HAYES, PH.D.</b><br><b>PATENT EXAMINER</b><br>Robert C. Hayes 7/14/05<br><br>(Primary Examiner) (Date) |                                   |       |        |  | Total Claims Allowed: 7  |                         |
| (Legal Instruments Examiner) (Date) |   |          |   |       |  |                                   |       |        |  | O.G. Print Claim(s)<br>1 | O.G. Print Fig.<br>none |

| <input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |       |          |       |          |       |          |       |          | <input type="checkbox"/> CPA |          | <input checked="" type="checkbox"/> T.D. |          | <input type="checkbox"/> R.1.47 |          |
|---|----------|-------|----------|-------|----------|-------|----------|-------|----------|------------------------------|----------|--|----------|---------------------------------|----------|
| Final   | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final                        | Original | Final                                    | Original | Final                           | Original |
|   | 1        |       | 31       |       | 61       |       | 91       |       | 121      |                              | 151      |  | 181      |                                 | 211      |
|   | 2        |       | 32       |       | 62       |       | 92       |       | 122      |                              | 152      |  | 182      |                                 | 212      |
|   | 3        |       | 33       |       | 63       |       | 93       |       | 123      |                              | 153      |  | 183      |                                 | 213      |
|   | 4        |       | 34       |       | 64       |       | 94       |       | 124      |                              | 154      |  | 184      |                                 | 214      |
|   | 5        |       | 35       |       | 65       |       | 95       |       | 125      |                              | 155      |  | 185      |                                 | 215      |
|   | 6        |       | 36       |       | 66       |       | 96       |       | 126      |                              | 156      |  | 186      |                                 | 216      |
|   | 7        |       | 37       |       | 67       |       | 97       |       | 127      |                              | 157      |  | 187      |                                 | 217      |
|   | 8        |       | 38       |       | 68       |       | 98       |       | 128      |                              | 158      |  | 188      |                                 | 218      |
|   | 9        | 2     | 39       |       | 69       |       | 99       |       | 129      |                              | 159      |  | 189      |                                 | 219      |
|   | 10       | 3     | 40       |       | 70       |       | 100      |       | 130      |                              | 160      |  | 190      |                                 | 220      |
|   | 11       | 4     | 41       |       | 71       |       | 101      |       | 131      |                              | 161      |  | 191      |                                 | 221      |
|   | 12       | 5     | 42       |       | 72       |       | 102      |       | 132      |                              | 162      |  | 192      |                                 | 222      |
|   | 13       | 6     | 43       |       | 73       |       | 103      |       | 133      |                              | 163      |  | 193      |                                 | 223      |
|   | 14       | 7     | 44       |       | 74       |       | 104      |       | 134      |                              | 164      |  | 194      |                                 | 224      |
|   | 15       |       | 45       |       | 75       |       | 105      |       | 135      |                              | 165      |  | 195      |                                 | 225      |
|   | 16       |       | 46       |       | 76       |       | 106      |       | 136      |                              | 166      |  | 196      |                                 | 226      |
|   | 17       |       | 47       |       | 77       |       | 107      |       | 137      |                              | 167      |  | 197      |                                 | 227      |
|   | 18       |       | 48       |       | 78       |       | 108      |       | 138      |                              | 168      |  | 198      |                                 | 228      |
|   | 19       |       | 49       |       | 79       |       | 109      |       | 139      |                              | 169      |  | 199      |                                 | 229      |
| 1   | 20       |       | 50       |       | 80       |       | 110      |       | 140      |                              | 170      |  | 200      |                                 | 230      |
|   | 21       |       | 51       |       | 81       |       | 111      |       | 141      |                              | 171      |  | 201      |                                 | 231      |
|   | 22       |       | 52       |       | 82       |       | 112      |       | 142      |                              | 172      |  | 202      |                                 | 232      |
|   | 23       |       | 53       |       | 83       |       | 113      |       | 143      |                              | 173      |  | 203      |                                 | 233      |
|   | 24       |       | 54       |       | 84       |       | 114      |       | 144      |                              | 174      |  | 204      |                                 | 234      |
|   | 25       |       | 55       |       | 85       |       | 115      |       | 145      |                              | 175      |  | 205      |                                 | 235      |
|   | 26       |       | 56       |       | 86       |       | 116      |       | 146      |                              | 176      |  | 206      |                                 | 236      |
|   | 27       |       | 57       |       | 87       |       | 117      |       | 147      |                              | 177      |  | 207      |                                 | 237      |
|   | 28       |       | 58       |       | 88       |       | 118      |       | 148      |                              | 178      |  | 208      |                                 | 238      |
|   | 29       |       | 59       |       | 89       |       | 119      |       | 149      |                              | 179      |  | 209      |                                 | 239      |
|   | 30       |       | 60       |       | 90       |       | 120      |       | 150      |                              | 180      |  | 210      |                                 | 240      |